

MACHINING & WELDING

+1 402.475.2611 | www.DuncanAviation.aero | 800.228.4277



INFORMATION & CAPABILITIES



WELDING

Services/Specialties

- Five AWS D17.1 certified welders
- Specification for fusion welding for aerospace applications
- On-site AWS Certified Welding Inspector
- Thin-gage sheet/tubing weld repairs
- Support equipment fabrication & component repairs
- Certified gas tungsten arc welding process
- Gas metal arc welding process

Material Capabilities/Class A Welding Certification

- Stainless-47 grades
- Aluminum-19 grades
- Carbon and low alloy steels-28 grades
- Heat Treatable steels, including 4130- 8 grades
- Titanium-13 grades
- Cobalt-based alloys-9 grades
- Nickel-based alloys- 3 grades

MACHINING/THERMAL SPRAYING

Services/Specialties

- One off machining repairs of components
- Design & fabrication of support equipment and tooling
- Thermal spraying of TFE731 HPT turbine engine blades and stators

In-House Equipment/Capabilities

- Waterjet
- CNC brake
- 4 axis enclosed CNC: 60" x 30" x 20" envelope
- 3-axis tool room/CNC machining: 50" x 25" x 24" envelope
- Aluminum heat treat capabilities: 24" x 24" envelope
- Engraving
- CNC tool room lathe and NC Mills
- Mil Spec Painting
- In-House Learjet Main Landing Gear Trunnion Repair

PROTOTYPE AND DESIGN

Service Capabilities

- Prototype to production
- CAD/Solidworks modeling/AutoCAD drafting
- FAA Repair Station #JGVR194F
- ODA #501013-CE
- PMA #PQ3429-CE

CONTACT

Matt Gudgal, Team Leader

+1 402.479.8107

Matt.Gudgal@DuncanAviation.com